

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-4 (Canceled).

Claim 5 (Currently Amended): An automatic focusing device for a digital camera, comprising:

an optical system including a focusing lens system;

an imaging device which receives a light flux from an object to be photographed, the received light, flux being passed through the optical system to form an image of the object, and converts the received light flux into an output image signal;

analog-to-digital converting means for converting the image signal to output digital image data;

automatic exposure (AE) evaluation value outputting means for outputting luminance data according to the digital image data as an AE evaluation value;

automatic focusing (AF) evaluation value outputting means for integrating high frequency components of luminance data of image data in an AF area and outputting resulting data as an AF evaluation value;

AF evaluation value sampling means for enabling the AF evaluation value outputting means to sample AF evaluation values output by the AF evaluation value outputting means while moving the focusing lens system;

focusing lens driving means for determining if the device is in focus based upon a result of sampling the AF evaluation values and driving the focusing lens system to a focusing position when the device is not in focus;

AE control means for ~~controlling~~ performing an AE control operation in accordance with the AE evaluation value with respect to an AE area, which is output by the AE evaluation value outputting means; and

AE setting means for ~~setting an AE evaluation value~~ performing an AE operation for an AF area in accordance with an AE evaluation value for the AF area, independently from the AE control operation by the AE control means[[;]],

wherein, an AF operation is executed after the AE operation for the AF area is performed by the AE setting means for the AF area.

Claims 6-9 (Canceled).

Claim 10 (Currently Amended): A method for controlling an automatic focusing device of a digital camera, comprising:

receiving a light flux from an object to be photographed, the received light flux being passed through an optical system having a focusing lens system to form an image of the object and converting the received light flux into an output image signal;

converting the image signal to output digital image data;

outputting luminance data according to the digital image data as an automatic exposure (AE) evaluation value;

integrating high frequency components of luminance data of image data in an automatic focusing (AF) area and outputting resulting data as an AF evaluation value;

sampling AF evaluation values while moving the focusing lens system;

determining if the device is in focus based upon a result of the sampled AF evaluation values and driving the focusing lens system to a focusing position when the device is not in focus;

~~controlling performing~~ an AE control operation for an AE area in accordance with the AE evaluation value;

~~setting the AE evaluation value performing an AE operation~~ for the AF area in accordance with an AE evaluation value for the AF area, independently from the AE control operation; and

executing an AF operation after the AE operation for the AF area.

Claims 11-14 (Canceled).

Claim 15 (Currently Amended): A computer readable medium storing computer instructions for controlling an automatic focusing device of a digital camera, by performing the steps of:

receiving a light flux from an object to be photographed, the received light flux being passed through an optical system having a focusing lens system to form an image of the object and converting the received light flux into an output image signal;

converting the image signal to output digital image data;

outputting luminance data according to the digital image data as an automatic exposure (AE) evaluation value;

integrating high frequency components of luminance data of image data in an automatic focusing (AF) area and outputting resulting data as an AF evaluation value;

sampling AF evaluation values while moving the focusing lens system;

determining if the device is in focus based upon a result of the sampled AF evaluation values and driving the focusing lens system to a focusing position when the device is not in focus;

~~controlling~~ performing an AE control operation for an AE area in accordance with the AE evaluation value;

~~setting the AE evaluation value~~ performing an AE operation for the AF area in accordance with an AE evaluation value for the AF area, independently from the AE control operation; and

executing an AF operation after the AE operation for the AF area.